

CLAIMS

What is claimed is:

*Spec
Artic* 1. A method of promoting neurogenesis comprising the step of: administering a therapeutic amount of a nitric oxide donor compound to a patient in need of neurogenesis promotion.

2. A compound for promoting neurogenesis comprising an effective amount of a nitric oxide donor sufficient to promote neurogenesis.

3. A neurogenesis promoter comprising a nitric oxide donor in a pharmaceutically acceptable carrier.

4. The neurogenesis promoter according to claim 3, wherein said nitric oxide donor augments nitric oxide in a tissue.

5. The neurogenesis promoter according to claim 4, wherein said nitric oxide donor is selected from the group consisting *essentially of* phosphodiesterase inhibitors, and L-arginine.

6. A method of augmenting the production of neurons by administering an effective amount of a nitric oxide donor to a site in need of augmentation.

7. A method of increasing neurological function by administering an effective amount of a nitric oxide donor to a patient.

8. A method of increasing cognitive and neurological function by administering an effective amount of a nitric oxide donor compound to a patient.